PATENTARPLICATION

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DECLARATION AND PO	OWER OF AT		1.3 2001 (2)	ATTO	RNEY DOCKE	ΓΝΟ. LEX-0143-	<u>USA</u> :
As a below named inventor							
My residence/post office ac	ldress and citi	zenship are s state	d below bext to m	y name;			
I believe I am the original,						iventor (if plural na	imes are
listed below) of the subject				ought on the invent	ion entitled:		
Novel Human Transporter							
the specification of which i					nnlication		
() was filed on _		as US Applicat and was amended	ion Serial No. of F	Ci international A	ppiication		
Number I hereby state that I have r	equipmed and	_ and was amended	On	(II applicable	etion including	the claims as ame	nded by
any amendment(s) referred 1.56.	to above. I ac	knowledge the duty	to disclose all inf	ormation which is n	naterial to patent	ability as defined in	37 CFF
Foreign Application(s) and/or	Claim of Forei	gn Priority		*		•	
I hereby claim foreign priority l	benefits under T	itle 35, United States (Code Section 119 of	any foreign application	(s) for patent or in	ventor(s) certificate list	ted below
and have also identified below claimed:	any foreign app	plication for patent or	inventor(s) certificat	e having a filing date	before that of the	application on which p	priority i
COUNTRY	APPLICA	TION NUMBER	DATE FILE	D PRI	ORITY CLAIMED	UNDER 35 U.S.C. 119	9
			~ .		YES:	NO:	
					YES:	NO:	
Provisional Application I hereby claim the benefit under	Title 35, United	States Code Section 1	19(e) of any United St	ates provisional applica	ation(s) listed below	: :	
		APPLICATION SEE	RIAL NUMBER	FILING DATE		•	
		60/187,		3/6/2000			
		00/10/,	120			•	
		60/204,	725	5/16/2000		•	
Section 112, I acknowledge the the filing date of the prior applications and the prior applications are the section of the prior applications and the section of the prior applications are the section of the prior applications and the section of the prior applications are the section of the prior applications and the section of the prior applications are the section of the section o	e duty to disclose cation and the na	ntional or PCT internation	onal filing date of this	application:		· · · · · · · · · · · · · · · · · · ·	1 between
APPLICATION SERIAL	NUMBER	FILING	DATE	STAT	US(patented/pendin	g/abandoned)	<u>.</u>
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	·						
				<u> </u>	<u> </u>		
		•					
POWER OF ATTORNEY: As a named inventor, I hereby and Trademark Office connecte Lance K.			d/or agent(s) listed b	elow to prosecute this	application and tra	nnsact all business in t	the Pater
Send Correspondence to:	n general est V			Direct	t Telephone Calls	io:	
Lance K. Ishimoto			景建代 1000000	Lance	K. Ishimoto		
Lexicon Genetics Incorpora	ited			(281)	863-3333		
4000 Research Forest Drive	4						
The Woodlands, TX 77381					Artist Andrews		5/63/ V 64/5
I hereby declare that all statem further that these statements we Section 1001 of Title 18 of the	ere made with th	ne knowledge that will	ful false statements a	nd the like so made are	punishable by fine	or imprisonment, or b	oth, unde
Full Name of Inventor: Grego		.,		Citizenship			_ ·
Residence: 95 Autumn Branc	h Drive, The W	oodlands, TX 77382	2				_
Post Office Address: Same	<u>. </u>		·			· · · · · · · · · · · · · · · · · · ·	
Ω	molir			4/20/0	1		
Inventor's Signature	- -			Date			
		•					

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)



ATTORNEY DOCKET NO. LEX-0143-USA

AND THE PERSON OF THE PERSON O		State of the first control of the co
Full Namé of Inventor: <u>John Scoville</u>	#	Citizenship: <u>USA</u>
Residence: 8222 Kingsbrook Dr. #543, Houston, TX 77024	TO THE PART OF	<u>_</u>
Post Office Address: Same		
nventor's Signature	 .	Date
	•	au
Full Name of Inventor: <u>Brian Zambrowicz</u>		Citizenship: <u>USA</u>
Residence: 18 Firethorne Place, The Woodlands, TX 77382	·	- ''
Post Office Address: Same		
Inventor's Signature		Date
	•	
Full Name of Inventor: Emily B. Cullinan		Citizenship: <u>USA</u>
Residence: 7575 Gosling Rd., The Woodlands, TX 77382		eringing of the second of the
Post Office Address: Same	•	·
		-lag /
Emily B. Cullman inventor's Signature		5/23/01 Date
and the second s		
Full Name of Inventor: <u>James Alvin Kieke</u>		Citizenship: <u>USA</u>
Residence: 9202 Restover Lane, Houston, TX 77064-2626		-
Post Office Address: Same	<u> </u>	
Inventor's Signature	· · · · · · · · · · · · · · · · · · ·	Date
Full Name of Inventor: <u>Yi Hu</u>	· 	Citizenship: People's Rep. China
Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 773	81	_
Post Office Address: Same		
Mhis		
Inventor's Signature	<u>- · · · · · · · · · · · · · · · · · · ·</u>	Date
Full Name of Inventor: C. Alexander Turner, Jr.		Citizenship: USA
Residence: 67 Winter Wheat Place, The Woodlands, TX 77381		
Post Office Address: Same		
on the Address. Same	<u> </u>	/ Ø A .
C- Werkoln J Am / W		6-8-01
inventor's Signatore 7 / ▼		11910

Full Name of Inventor: D. Wade Walke	<u> </u>	Citizenship: <u>USA</u>	
Residence: 7507 Danehill Drive, Spring, TX	77389		
Post Office Address: Same			
Inventor's Signature		Date	

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY DOCKET NO. LEX

As a below named inventor, I hereby decl

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Novel Human Transporter Proteins and Polynucleotides Encoding the Same

the specification of w		

O	was filed on	as US Application Ser	ial No. or PCT International Application
()	Number	and was amended on	(if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

0	**			
	COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
	COONTRI			YES: NO:
				YFS: NO:

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE
60/187,120	3/6/2000
60/204,725	5/16/2000

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Lance K. Ish	imoto, Reg.	. No. 41866	The second secon
Send Correspondence to: Lance K. Ishimoto			rect Telephone Calls To: ance K. Ishimoto
Lexicon Genetics Incorporated 4000 Research Forest Drive The Woodlands, TX 77381		(28	81) 863-3333
The Woodianus, 111 Wood		S	on information and belief are believed to be true; and

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Section 1001 of Title 18 of the United States Code and that such wifitui raise state Full Name of Inventor: Gregory Donoho	Citizenship: USA	·`_
Residence: 95 Autumn Branch Drive, The Woodlands, TX 77382		 .
Post Office Address: Same		
Angony Vonolir	4/20/01	
Inventor's Signature	Date	

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. LEX-0143-USA

Full Name of Inventor: John Scoville	Citizenship: USA
Residence: 8222 Kingsbrook Dr. #543, Houston, TX 77024	
Post Office Address: Same	
Ske R Scool In	6/6/01
nventor's Signature	Date / /
Full Name of Inventor: Brian Zambrowicz	Citizenship: <u>USA</u>
Residence: 18 Firethorne Place, The Woodlands, TX 77382	· · · · · · · · · · · · · · · · · · ·
Post Office Address: Same	
Inventor's Signature	Date
Full Name of Inventor: Emily B. Cullinan	Citizenship: USA
Residence: 7575 Gosling Rd., The Woodlands, TX 77382	
Post Office Address: Same	
Emily B. Cullman	5/23/01
Inventor's Signature	Date
Full Name of Inventor: James Alvin Kieke	Citizenship: USA
•	
Residence: 9202 Restover Lane, Houston, TX 77064-2626	·
Post Office Address: Same	
5	
Inventor's Signature	Date
Full Name of Inventor: Yi Hu	Citizenship: People's Rep. China
Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381	
Post Office Address: Same	
10st Office radicess. State	
Inventor's Signature	Date
Full Name of Inventor: C. Alexander Turner, Jr.	Citizenship: <u>USA</u>
Residence: 67 Winter Wheat Place, The Woodlands, TX 77381	·
Post Office Address: Same	· · · · <u></u> · · · <u> · · · · · · · · · · · · · </u>
	Date

Full Name of Invento	r: <u>D. Wade Walke</u>	41 •,	 	Citizenship: <u>USA</u>	· · · · · · · · · · · · · · · · · · ·	
Residence: 7507 Dane	ehill Drive, Spring, T	X 77389				•
Post Office Address:						• •
:						
			 : <u></u>		4	· · · · · · · · · · · · · · · · · · ·
Inventor's Signature			· Da	te		* * * * * * * * * * * * * * * * * * * *

		PAT	ENFARPLICAT	ION		The second secon
DECLARATION AND POW FOR PATENT APPLICATI		TTORNEY AUG		AT	TORNEY DOCK	ET NO. <u>LEX-0143-USA</u>
as a below named inventor, I	hereby de	clare that:				
Ay residence/post office add	ress and ci	tizenship are as stated	l below next to my	name;		
believe I am the original fit	st and sole	e inventor (if on cone	e name, is listed bel	ow) or an origir	nal, first and join	t inventor (if plural names
sted below) of the subject m	atter whic	h is claimed and for v	official a patent is so	ught on the inve	ention entitled:	•
lovel Human Transporter Pr	oteins and	Polynucleotides Enco	oding the Same	,		
he specification of which is a	attached he	ereto unless the follov	ving box is checked	d :		
() was filed on		as US Applicati	on Serial No. or Po	CT International	l Application	
Number		and was amended	on	(if applica	able).	
hereby state that I have revenue amendment(s) referred to	above. I	acknowledge the duty	tents of the above- to disclose all info	identified speci rmation which i	itication, including is material to pate	ntability as defined in 37
Foreign Application(s) and/or C I hereby claim foreign priority ber and have also identified below ar	nefits under	Title 35 United States C	Code Section 119 of an inventor(s) certificate	ny foreign applicat having a filing d	tion(s) for patent or late before that of the	inventor(s) certificate listed be application on which prior
claimed:	APPLIC	ATION NUMBER	DATE FILED	F	PRIORITY CLAIME	ED UNDER 35 U.S.C. 119
					YES:	NO:
			•		YES	NO.
Provisional Application I hereby claim the benefit under Ti	itle 35, Unit	ed States Code Section 11	9(e) of any United Sta	ites provisional app	plication(s) listed be	low:
		APPLICATION SER	HAL NUMBER	FILING DA	TE	
		60/187,1	120	3/6/2000		
		60/204,7	725	5/16/2000)	
of the claims of this application is Section 112, I acknowledge the the filing date of the prior application	duty to disc	lose material information national or PCT internation	as defined in Title 3	7, Code of Federal application:	1 by the first paragra 1 Regulations, Section ATUS(patented/pen	on 1.30(a) which occurred be
APPLICATION SERIAL N	IUMBER	FILING	DATE		A 105(patented pen	
					·	<u> </u>
POWER OF ATTORNEY: As a named inventor, I hereby and Trademark Office connected Lance K. J.	therewith.	following attorney(s) and	d/or agent(s) listed be	low to prosecute	this application and	transact all business in the
Send Correspondence to:		**			irect Telephone Ca	lls To:
Lance K. Ishimoto Lexicon Genetics Incorporate 4000 Research Forest Drive The Woodlands, TX 77381				(2	ance K. Ishimoto 81) 863-3333	
I hereby declare that all stateme further that these statements wer Section 1001 of Title 18 of the Full Name of Inventor: Gregor	e made with United State	the knowledge that will	ful false statements ar	nd the like so made nay jeopardize the	e are punishable by	title of imprisonment, or com,
Residence: 95 Autumn Branch	Drive, The	Woodlands, TX 77382	2			
 -						·
Post Office Address: Same				- 	1	

Youder

Inventor's Signature

4/20/01

Date

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. LEX-0143-USA

The state of the s	Committee Commit
Full Name of Inventor: John Scoville	Citizenship: USA
Residence: 8222 Kingsbrook Dr. #543, Houston, TX 77024	
Post Office Address: Same	
Inventor's Signature	Date
Full Name of Inventor: Brian Zambrowicz	Citizenship: USA
Residence: 18 Firethorne Place, The Woodlands, TX 77382	
Post Office Address: Same	
Bran Zombran	6/18/01
Inventor's Signature	Date
Full Name of Inventor: Emily B. Cullinan	Citizenship: USA
Residence: 7575 Gosling Rd., The Woodlands, TX 77382	
Post Office Address: Same	
Emily B. Cullman	5/23/01
Inventor's Signature	Date
Full Name of Inventor: <u>James Alvin Kieke</u>	Citizenship: USA
Residence: 9202 Restover Lane, Houston, TX 77064-2626	
Post Office Address: Same	
	0/1/01
Inventor's Signature	Date
Full Name of Inventor: Yi Hu	Citizenship: People's Rep. China
Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381	
Post Office Address: Same	
1 like	6-26-01
Inventor's Signature	Date
Full Name of Inventor: C. Alexander Turner, Jr.	Citizenship: <u>USA</u>
Residence: 67 Winter Wheat Place, The Woodlands, TX 77381	
Post Office Address: Same	
Inventor's Signature	Date

Full Name of Invento	r: <u>D. Wade Walke</u>			<u> </u>	Citizenship: USA		
Residence: 7507 Dan	ehill Drive, Spring, T	X 77389			•	•	
Post Office Address:	Same						·
•				· ·			
Inventor's Signature	 		·	Dat	e		

PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

AUG 1 3 2000

ATTORNEY DOCKET NO. LEX-0143-USA

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to me hame;

I believe I am the original, first and sole inventor (if only one name below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Novel Human Transporter Proteins and Polynucleotides Encoding the Same

the specification of which is attached hereto unless the following box is checked:

() was filed on _____ as US Application Serial No. or PCT International Application Number ____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: NO:
			YES NO:

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE
60/187,120	3/6/2000
60/204,725	5/16/2000

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Lance K. Ishimoto, Reg. No. 41866

Send Correspondence to:			Direct Telephone Calls To:
Lance K. Ishimoto			Lance K. Ishimoto
Lexicon Genetics Incorporated			(281) 863-3333
4000 Research Forest Drive			
The Woodlands, TX 77381			
I hereby declare that all statements	made herein of my own kno	wledge are true and that all statemen	its made on information and helief are helieved to be true; an

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Gregory Donoho	Citizenship: USA		
Residence: 95 Autumn Branch Drive, The Woodlands, TX 77382			
Post Office Address: Same			
Arezon Vonolo	4/20/01		
Inventor's Signature	Date		

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

-ATTORNEY DOCKET NO: LEX:0143-USA

Residence: 8222 Kingsbrook Dr. #543, Houston, TX 77024	
Post Office Address: Same	
· · · · · · · · · · · · · · · · · · ·	
nventor's Signature	Date
'ull Name of Inventor: Brian Zambrowicz	Citizenship: <u>USA</u>
Residence: 18 Firethorne Place, The Woodlands, TX 77382	
Post Office Address: Same	
	•
nventor's Signature	Date
Full Name of Inventor: Emily B. Cullinan	Citizenship: USA
Residence: 7575 Gosling Rd., The Woodlands, TX 77382	<u> </u>
Post Office Address: Same	
	_/ /
Emily B. Cullman	5/23/01
nventor's Signature	Date
Full Name of Inventor: <u>James Alvin Kieke</u>	Citizenship: USA
Residence: 9202 Restover Lane, Houston, TX 77064-2626	
Post Office Address: Same	
Post Office Address: Same	
Post Office Address: Same	
Post Office Address: Same (nventor's Signature	Date
	Date
nventor's Signature	Date Citizenship: People's Rep. China
nventor's Signature Full Name of Inventor: <u>Yi Hu</u>	
Inventor's Signature Full Name of Inventor: <u>Yi Hu</u> Residence: <u>333 Holly Creek Ct. #203, The Woodlands, TX</u> 77381	
Inventor's Signature Full Name of Inventor: <u>Yi Hu</u> Residence: <u>333 Holly Creek Ct. #203, The Woodlands, TX</u> 77381	
Inventor's Signature Full Name of Inventor: Yi Hu Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381 Post Office Address: Same	Citizenship: <u>People's Rep. China</u>
Inventor's Signature Full Name of Inventor: Yi Hu Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381 Post Office Address: Same	
nventor's Signature Full Name of Inventor: Yi Hu Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381 Post Office Address: Same	Citizenship: <u>People's Rep. China</u>
Inventor's Signature Full Name of Inventor: <u>Yi Hu</u> Residence: <u>333 Holly Creek Ct. #203, The Woodlands, TX</u> 77381	Citizenship: <u>People's Rep. China</u>
Inventor's Signature Full Name of Inventor: Yi Hu Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381 Post Office Address: Same Inventor's Signature Full Name of Inventor: C. Alexander Turner, Jr.	Citizenship: People's Rep. China Date
Inventor's Signature Full Name of Inventor: Yi Hu Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381 Post Office Address: Same Inventor's Signature Full Name of Inventor: C. Alexander Turner, Jr. Residence: 67 Winter Wheat Place, The Woodlands, TX 77381	Citizenship: People's Rep. China Date
Inventor's Signature Full Name of Inventor: Yi Hu Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381 Post Office Address: Same Inventor's Signature Full Name of Inventor: C. Alexander Turner, Jr.	Citizenship: People's Rep. China Date
Inventor's Signature Full Name of Inventor: Yi Hu Residence: 333 Holly Creek Ct. #203, The Woodlands, TX 77381 Post Office Address: Same Inventor's Signature Full Name of Inventor: C. Alexander Turner, Jr. Residence: 67 Winter Wheat Place, The Woodlands, TX 77381	Citizenship: People's Rep. China Date

Full Name of Inventor: D. Wade Walke	Citizenship: <u>USA</u>
Residence: 7507 Danehill Drive, Spring, TX 77389	<u> </u>
Post Office Address: Same	
Inventor's Signature	Date (2//0)